

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 03 Oct 2020 until 23:59 on Sunday 04 Oct 2020

Forecast Issued on Saturday 03 Oct 2020 at 04:36

Confidence: Medium confidence around details of rainfall and cloud amounts over the next 5 days. High confidence for being wet and cold today.

Headline for Saturday 03 Oct 2020: Persistent rain for much of today with poor visibility and feeling cold across the Yorkshire Dales.

Mountain weather hazards on Saturday 03 Oct 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain	Light rain	Light rain	Light rain	Light rain	Heavy Rain
Precipitation probability					
80%	70%	70%	90%	90%	70%

Forecast for Saturday 03 Oct 2020

Weather: Rain at first, mainly light, but quickly becoming heavier and more persistent this morning. The rain, accompanied by fresh northeasterly winds, will become quite relentless this afternoon and will cause some flooding of streams and footpaths. The rain may start clearing from the east late this evening, but where it does it will leave a lot of hill fog.

Chance of cloud free mountain/hill tops above 600m: 80% quickly decreasing 30% this morning and 10% or less this afternoon and evening as widespread hill fog develops. Cloud bases are likely to be around 3-500m.

Visibility: Good or very good initially but deteriorating, becoming moderate or poor in the valleys, otherwise poor or very poor.

Forecast for Saturday 03 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 NE	14/19 NE	15/21 NE	13/19 N	10/16 N	10/15 NE	15/22 E
300	8/19 N	9/20 N	9/18 N	9/18 N	8/17 N	8/16 NE	9/19 E
Valley	10/22 N	9/22 N	10/21 N	8/20 N	8/17 N	6/14 N	7/17 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/6	10/6	10/7	9/6	9/6	9/5
300	10/8	11/9	11/10	11/9	10/9	10/9	10/9
Valley	11/9	11/10	12/10	12/10	11/10	11/10	11/10
Freezing Level*	2500m	2500m	2700m	2600m	2600m	2600m	2300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold with persistent rain today, with some localised flooding possible for water courses, access roads and footpaths. This morning gusts to 35 mph over the highest peaks and exposed ridges.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 03 Oct 2020	0.4mm	0.8mm	18mm

Forecast for Sunday 04 Oct 2020

Weather: Heavy rain will clear from the east, leaving cloudy and murky conditions as the wind eases. Through the morning some cloud breaks will develop, especially across western areas, but also scattered heavy showers with a low risk of thunder. Scattered heavy and possibly thundery showers in the afternoon will give way to cloudy conditions, with outbreaks of light rain and drizzle spreading north through the evening, and bringing hill fog.

Maximum wind: East or northeast 20-25 mph with gusts 35-40mph

Chance of cloud free mountain/hill tops above 600m: 10% or less with persistent hill fog overnight and again in the evening, with cloud bases around 3-500m. Through the morning and afternoon bases will lift and break to 600-800m, with the probability increasing to 70%.

Visibility: Overnight and through the evening moderate or poor in the valleys, otherwise poor or very poor, with a lot of hill fog. In-between improving good or very good, outside of the heavy showers.

Temperature: **Valleys:** Plus 13 Celsius.
At 600m: Plus 7 Celsius
Freezing level: Above the summits.